

**In the Abstract:**

Please delete the Abstract on Page 366, and replace with the following new Abstract, which is attached as separate sheet to this Office Action Response:

## ABSTRACT OF THE DISCLOSURE

An amplifier powered by a selectively engageable voltage source and a method for operating the amplifier. The amplifier includes first and second electrodes for receiving an input signal to be amplified. The first and second electrodes are adapted to be respectively connected to coupling capacitors. The amplifier also includes a differential amplifier having inputs respectively connected to the first and second electrodes, and having an output. The amplifier additionally includes selectively engageable resistances coupled between the voltage source and respective inputs of the differential amplifier and defining, with the coupling capacitors, the high pass characteristics of the circuit. The amplifier further includes second selectively engageable resistances coupled between the voltage source and respective inputs of the differential amplifier. The second resistances respectively have smaller values than the first mentioned resistances, and are engaged and then disengaged in response to the voltage source being engaged.